

**Beaumont Fire-Rescue Services**

**PERFORMANCE BENCHMARKS**

**406.03L**

**Contain a Leak in a 55 Gallon Drum**

**Discipline:** Hazmat – Technician Level

**Effective:** 7/5/2011

**Revised:**

**Replaces:**

*Anne Huff, Fire Chief*

**I. Objective**

- A. Given scenarios involving hazardous materials/WMD incidents, the hazardous materials technician shall select the tools, equipment, and materials for the control of hazardous materials/WMD incidents and identify the precautions for controlling releases from the packaging/containers and shall complete the following tasks:
- B. Given a 55 gal (208 L) drum and applicable tools and materials, demonstrate the ability to contain the following types of leaks:
  - 1. Bung leak
  - 2. Chime leak
  - 3. Forklift puncture
  - 4. Nail puncture
- C. Given a 55 gal (208 L) drum and an over pack drum, demonstrate the ability to place the 55 gal (208 L) drum into the over pack drum using the following methods:
  - 1. Rolling slide-in
  - 2. Slide-in
  - 3. Slip-over

**II. Instructions – Procedures for Achieving the Objective**

Presented with a 55-gallon leaking drum containing a randomly selected leak involving either a nail puncture, a forklift puncture, a chime leak, or a leaking closure (bung or top) you will choose the appropriate tools and equipment, from the equipment available, and contain the leak. Additionally you will over pack the drum utilizing a randomly selected method (selected by the examiner). After donning CPC, you will begin on my instructions to start. The skill will end when you state or indicate to me that you have completed all the identified steps. Do you understand these instructions?

**III. Examiner's Note**

The hazardous materials technician will not be allowed to review the performance steps at the time of testing.

#### **IV. Preparation & Equipment**

- A. 55-gallon drum with either a nail puncture, a forklift puncture, a chime, leak, or a leaking closure (bung).
- B. Bung wrench
- C. Drum plugging and patching kit
- D. Over pack drum
- E. CPC with respiratory protection

#### **V. Reference Sources**

See Reference Sources in PB 406.03A.

# **PB 406.03L – Containing a Leak in a 55 gallon Drum**

**Discipline: Hazardous Materials**

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

**The Haz Mat Technician shall:**

*(No partial points given)*

A. Given a 55 Gal (208L) drum and applicable tools and materials, demonstrate the ability to contain one of the following types of leaks:

1. Bung leak
2. Chime leak
3. Forklift puncture
4. Nail puncture

..... P/F \_\_\_\_

B. Given a 55 Gal (208L) drum and an over pack drum, demonstrate the ability to place the 55 gal (208L) drum into the over pack drum using one of the following methods:

1. Rolling slide-in
2. Slide-in
3. Slip-over

.....P/F \_\_\_\_

C. All tasks must be performed in Chemical Protective Clothing

## **Time Allocation**

Completes skill in allotted time..... P/F \_\_\_\_

Allotted time for this skill: \_\_\_\_ minutes \_\_\_\_ seconds

Actual time: \_\_\_\_ minutes \_\_\_\_ seconds

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
P/F	P/F	First			
		Second			
		Third			